

ams Laboratories Pty Ltd

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TGA Licence No: MI-15112007-LI-002191-11

APVMA Licence No: 6139

AS/NZS 4020:2005 Compliance Testing

AS/NZS 4020:2005 Compliance Testing Certificate of Conformance (Summary of Certificate of Analysis) Dated: 03/03/2015

The product, CertainTeed Asphalt Shingle; was supplied by Viking Roofspec (80 Alexander Cres, Otara, Auckland, New Zealand) on 09/12/2014 for compliance testing to AS/NZS 4020:2005, Testing of products for use in contact with drinking water. All tests were completed and evaluated on 02/03/2015.

Certificate of Analysis Reference No¹. **1425209**, is a detailed report on all tests conducted on samples of this product.

Testing although determined by the relevant product Standard, is generally recognised for up to 5 years by the certifying body, providing the testing procedures remain the same and the background information on the product is adequately documented. Also, the results stated in the report relate to the samples of the product submitted for testing. Any changes in the material formulation and supplier/manufacturer of all ingredients, the process of manufacture, the method of application, or the surface area-to-volume ratio in the end-use, could affect the suitability of the product for use in contact with drinking water, and re-testing may be required before this actual time frame, governed by the completion and evaluation date.

Based on completion and evaluation of all tests on 02/03/2015, the product, CertainTeed Asphalt Shingle; <u>fully complied</u> with the test requirements of AS/NZS 4020:2005 to cover a cold water application up to $<40^{\circ}$ C at the recommended 'total immersion' exposure of $\sim21,429$ mm²/L test water at $(20\pm2)^{\circ}$ C.

Signed:	Baing L	Date: 03/03/2015
	SANDHYA L. SINGH B. Tech, Postgrad. Dip. (Chem)	
	Manager, Chemistry and Toxicology; Approved Signatory	

¹ NOTE: For product Certification, the Certificate of Conformance must be distributed with the relevant Certificate of Analysis and Attachments.